

**REMARKS**

After the foregoing amendments, claims 1-4, 7-9, 12-16, 19-21, 24-28, 31-33 and 36-38 are currently pending in this application. Claims 5, 6, 10, 11, 17, 18, 22, 23, 29, 30, 34 and 35 have been canceled without prejudice. The Applicants submit that no new matter has been introduced into the application by the amendments.

**Claim Objections**

The Examiner objected to claims 2-24, 26-36 and 38 due to various informalities. The claims have been amended to correct most of these informalities. However, the Applicants respectfully disagree with the Examiner's objection to claims 13, 15 and 20 based on the claims reciting a wireless transmit/receive unit (WTRU) but the limitations are only directed to a "receive unit". The Applicant fails to understand the basis for this objection. A WTRU is a transceiver, such as a base station (see claims 25-28 and 31-33) or a mobile station. The Applicants respectfully submit that it is not improper to claim components of a WTRU directed towards a particular function, such as a receiver circuit. Furthermore, the Examiner is respectfully directed to lines 8-9 of page 4 of the present application which clearly discloses that "the multiple antenna element Rake receiver can be used in a WTRU, a base station or both." Thus, the Applicants submit that it is proper to claim this fully disclosed feature.

Based on the arguments presented above, the Applicants respectfully request that the objections to claims 2-24, 26-36 and 38 be withdrawn.

**Allowable Subject Matter**

The Examiner is thanked for indicating that the subject matter of claims 6, 11, 18, 23, 30 and 35 is allowable over the prior art of record.

The Applicants submit that by incorporating the allowable subject matter of 6 into claim 1, claim 1 and its dependent claim 2 are allowable over the prior art of record.

The Applicants submit that by incorporating the allowable subject matter of 6 into claim 3, claim 3 and its dependent claims 4 and 7 are allowable over the prior art of record.

The Applicants submit that by incorporating the allowable subject matter of 11 into claim 8, claim 8 and its dependent claims 9 and 12 are allowable over the prior art of record.

The Applicants submit that by incorporating the allowable subject matter of 18 into claim 13, claim 13 and its dependent claim 14 are allowable over the prior art of record.

The Applicants submit that by incorporating the allowable subject matter of 18 into claim 15, claim 15 and its dependent claims 16 and 19 are allowable over the prior art of record.

The Applicants submit that by incorporating the allowable subject matter of 23 into claim 20, claim 20 and its dependent claims 21 and 24 are allowable over the prior art of record.

The Applicants submit that by incorporating the allowable subject matter of 30 into claim 25, claim 25 and its dependent claim 26 are allowable over the prior art of record.

The Applicants submit that by incorporating the allowable subject matter of 30 into claim 27, claim 27 and its dependent claims 28 and 31 are allowable over the prior art of record.

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The Applicants submit that by incorporating the allowable subject matter of 35 into claim 32, claim 32 and its dependent claims 33 and 36 are allowable over the prior art of record.

The Applicants submit that by incorporating the allowable subject matter of 35 into claim 37, claim 37 and its dependent claim 38 are allowable over the prior art of record.

**Conclusion**

If the Examiner believes that any additional minor formal matters need to be addressed in order to place this application in condition for allowance, or that a telephone interview will help to materially advance the prosecution of this application, the Examiner is invited to contact the undersigned by telephone at the Examiner's convenience.

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In view of the foregoing amendment and remarks, Applicants respectfully submit that the present application, including claims 1-4, 7-9, 12-16, 19-21, 24-28, 31-33 and 36-38, is in condition for allowance and a notice to that effect is respectfully requested.

Respectfully submitted,

Li et al.

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